




Micrel / Microchip Technology

## AT40K40-2BQI

Part Number:	AT40K40-2BQI
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC FPGA 40K GATES 144TQFP
Datasheets:	<a href="#">1.AT40K40-2BQI.pdf</a> <a href="#">2.AT40K40-2BQI.pdf</a>
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.













### Specifications of AT40K40-2BQI

PART NUMBER	AT40K40-2BQI
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC FPGA 40K GATES 144TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">1.AT40K40-2BQI.pdf</a> <a href="#">2.AT40K40-2BQI.pdf</a>
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
TOTAL RAM BITS	18432
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SERIES	AT40K/KLV
PACKAGE / CASE	144-LQFP
OTHER NAMES	AT40K402BQI
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF LOGIC ELEMENTS/CELLS	2304
NUMBER OF I/O	114
NUMBER OF GATES	50000
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
BASE PART NUMBER	AT40K40

### Related Tags

Micrel / Microchip Technology AT40K40-2BQI	AT40K40-2BQI Distributor	AT40K40-2BQI Supplier
AT40K40-2BQI Price	AT40K40-2BQI Pictures	AT40K40-2BQI Image
AT40K40-2BQI PDF Datasheet	AT40K40-2BQI Download Datasheet	AT40K40-2BQI Datasheet
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### Related Products

 <p><b>AT40K40-2BGC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 289 I/O 352BGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K40-2BGI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 289 I/O 352BGA                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT40K40-2FQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 40K GATES 304PQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K40-2DQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 40K GATES 208QFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT40K20LV-3FQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 3.3V 1024 CELL 304PQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K40-2EQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 40K GATES 240QFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT40K20LV-3EQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 3.3V 1024 CELL 240QFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K40-2DQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 161 I/O 208QFP                  In stock: 14 pcs  <a href="#">RFQ</a></p>
 <p><b>AT40K40-2EQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 40K GATES 240QFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K20LV-3FQC</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 3.3V 1024 CELL 304PQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>AT40K40-2FQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 40K GATES 304PQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>AT40K20LV-3EQI</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC FPGA 193 I/O 240QFP                  In stock: Out stock  <a href="#">RFQ</a></p>